EUROPEAN PATENT OFFICE

Patent Abstracts of Japal

PUBLICATION NUMBER

63097668

PUBLICATION DATE

28-04-88

APPLICATION DATE

13-10-86

APPLICATION NUMBER

61242834

APPLICANT: LION CORP;

INVENTOR:

KANAMORI TAKESHI;

INT.CL.

C09B 61/00 A23L 1/275 A61K 7/00 A61K 47/00 // C09K 3/00

TITLE

THE PROPERTY OF THE PROPERTY O

THE PROPERTY OF THE PARTY OF TH

SUNPROOF CAROTENE

ABSTRACT :

PURPOSE: To provide the title carotene which retains stably its color tone even when stored in the presence of oxygen, water, air, etc., under the irradiation with sunlight over a long period of time and is suitable for use as a food additive, by microencapsulating (oil-diluted) carotene with a specified shell-forming material.

CONSTITUTION: Carotene (a) (e.g., one which is extracted from palm oil, concentrated and refined) is optionally diluted with food oil (b) (e.g., colza oil) to obtain (oil-diluted) carotene (A). Separately, 1~300wt% sunproofing agent (c) having a particle size of $0.01~50\mu m$ (e.g., TiO₂) or 0.5~20wt% ultraviolet absorber (d) (e.g., α -bisabolol) is dispersed in a shell-forming material (e) (e.g., gelatin) to obtain a shell-forming material (B) contg. the component (c) or (d). The component A is microencapsulated by using the component B to obtain the title carotene having a particle size of 10~3,000µm, pref. 50~2,000μm.

COPYRIGHT: (C)1988,JPO&Japio